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Mental effort detection using EEG data in E-learning contexts

Fu-Ren Lin, Chien-Min Kuo

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Title: Mental Effort Detection Using EEG Data in E-learning Contexts

Authors:

Author 1. Fu-ren Lin (frlin@iss.nthu.edu.tw)

Dr. Fu-ren Lin is the professor and the founding director of the Institute of Service Science, National Tsing Hua University, Taiwan. He now also serves as the director of the university library. He was graduated from University of Illinois at Urbana-Champaign in 1996 with Ph.D. degree in Information Systems. He taught in the Department of Information Management, National Sun Yat-sen University until 2004. He joined the Institute of Technology Management in Tsing Hua until the Institute of Service Science was launched in 2008. He has been doing research in various topics, such as supply chain management, business process re-engineering, e-commerce, knowledge management, and data/text mining since graduation. Based on the prior academic background and methodologies, he started to focus on service innovation related issues in service science research, including new service development, healthcare service engagement, and service experience design, service value network analysis. His research results have been published in domain related journals, such as INFORMS *Service Science*, *International Journal of e-Commerce*, *Decision Support System*, *Information Systems and e-Business Management*, *Information Processing and Management*, *Electronic Commerce Research and Application*, etc. He also actively serves for academic communities. He co-chairs the minitrack of SSME in the Hawaii International Conference of System Sciences (HICSS) since 2008. He also serves for editorial boards of INFORMS Service Science and Information Systems and e-Business Management. He served as the general secretary for the Service Science Society of Taiwan (s3tw) to develop service science academic community in Taiwan during 2011~2016. He was a visiting scholar in Questrom School of Business, Boston University from September 1, 2015 to July 31, 2016. He now serves as the executive associate dean of Tsing Hua College to promote the experimental educational programs for interdisciplinary studies after completing four years' term as the director of university library to enhance the knowledge service of the library with innovated services mainly in the category of technology-enabled and knowledge-intensive services.

Author 2. Chien-min Kuo

Ms Chien-min Kuo graduated from the Institute of Service Science, National Tsing Hua University in July, 2015. She now works in Trend Micro. This article was extended from her master thesis.

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